

6.6 Worksheet

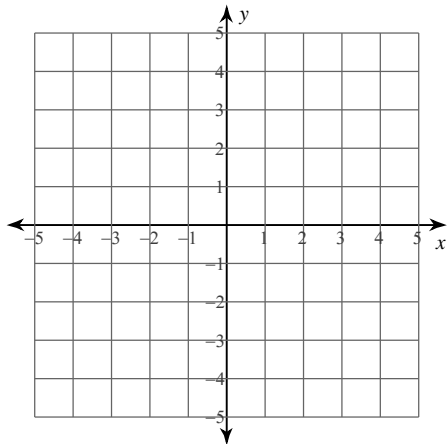
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Date _____ Period _____

Sketch the solution to each system of inequalities.

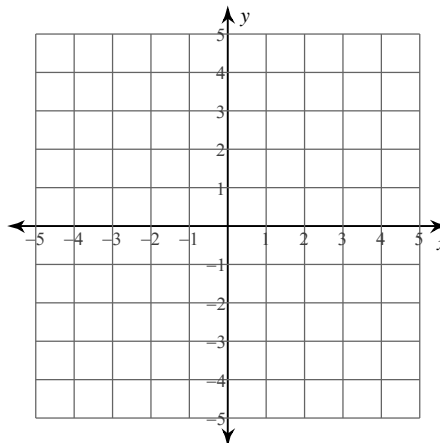
1) $y < -2x + 3$

$$y \leq \frac{1}{2}x - 2$$



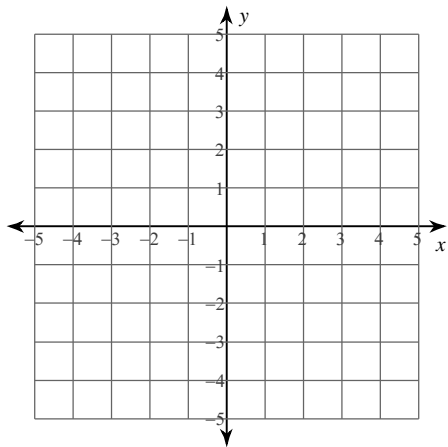
2) $y < x + 1$

$$y < 4x - 2$$



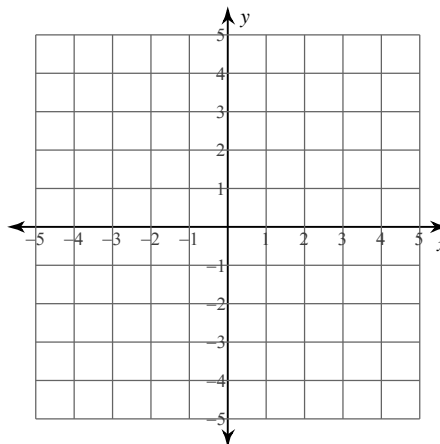
3) $y \leq \frac{1}{2}x + 2$

$$y \leq 3x - 3$$



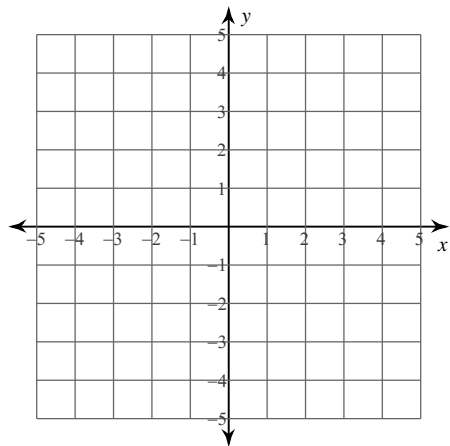
4) $y \geq -x - 3$

$$y \leq -x - 2$$



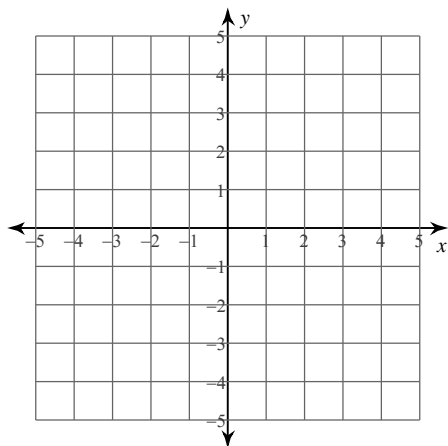
$$5) \ y > \frac{2}{3}x + 1$$

$$y < 2x - 3$$



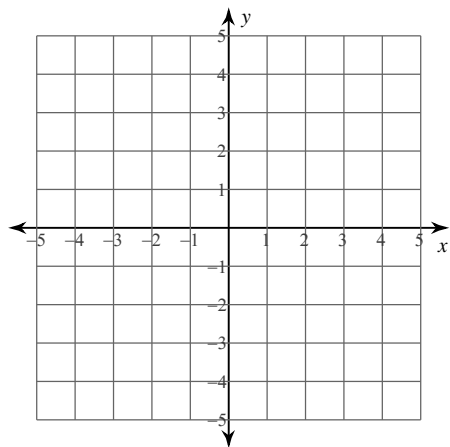
$$6) \ y \leq \frac{1}{3}x - 2$$

$$y > \frac{4}{3}x + 1$$



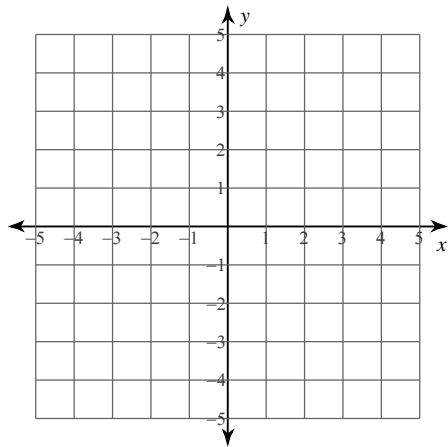
$$7) \ y < -\frac{1}{2}x - 2$$

$$y \geq x + 1$$



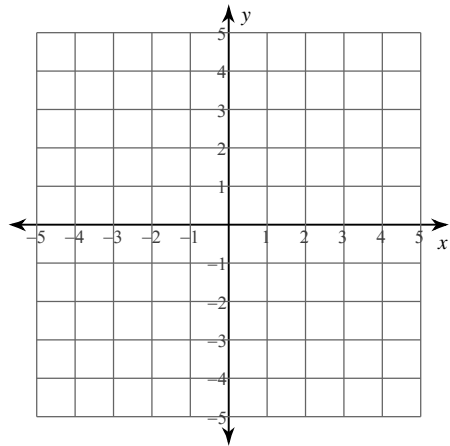
$$8) \ 4x - y < 3$$

$$x + y > 2$$



$$9) \ x - y \leq -1$$

$$4x - y \geq 2$$



$$10) \ 4x + 3y \geq 6$$

$$x - 3y > 9$$

